

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 01210908
PUBLICATION DATE : 24-08-89

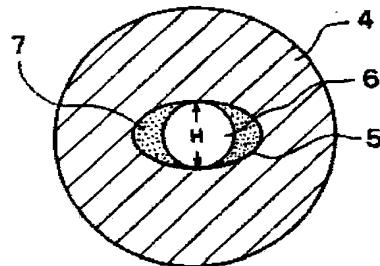
APPLICATION DATE : 19-02-88
APPLICATION NUMBER : 63035010

APPLICANT : NEC CORP;

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INT.CL. : G02B 6/36

TITLE : FERRULE FOR OPTICAL CONNECTOR



ABSTRACT : PURPOSE: To greatly simplify the adhering and assembling work and to prevent decentering by setting the diameter of the minor axis of an elliptic through hole provided in the center part to a value approximately equal to the diameter of an optical fiber and preliminarily providing a hot melt adhesive on the major axis side.

CONSTITUTION: With respect to a field assembling type ferrule for optical connector, an elliptic through hole 5 is provided in the center part of a ferrule main body 4 consisting of glass. A diameter H of its minor axis is made approximately equal to the diameter of an optical fiber 6, and a hot melt adhesive is preliminarily provided on the major axis side. At the time of assembling the ferrule, the optical fiber 6 is inserted through the hole 5 and is adhered and fixed by heating. Consequently, conventional agitating and coating of a two-component adhesive are omitted and the assembling work is greatly simplified. Since the diameter of the minor axis is approximately equal to the diameter of the optical fiber, decentering is prevented.

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